

Docket No. 00SC079US6

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: KENDIG et al

Art Unit: 1753

Serial No. 10/675,699

Filed: September 29, 2003

Title: ELECTROCHEMICAL SENSING OF LUBRICANT CONDITION

Box Non-Fee (Information Disclosure Statement)

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(b)**

Sir:


Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing of the above referenced application or before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration of relevant portions thereof by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the

Respectfully submitted,

  
Michael J. Ram  
Registration No. 26,279  
Attorney for Applicants

## CERTIFICATE OF MAILING

April 12, 2004  
Date

Christina Nicoll  
Christina Nicoll

FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

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Group Art Unit 1753

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate
	5	0	7	1	5	2	7	12/10/91	Kauffman	204	153	6/29/90
	5	5	1	8	5	9	0	5/21/96	Fang	205	780	6/21/94
	5	7	8	9	6	6	5	8/4/98	Voelker et al	73	53.05	4/25/96
	6	1	9	6	0	5	7	3/6/01	Discenzo	73	54.01	4/27/99
	6	2	8	6	3	6	3	9/11/01	Discenzo	73	53.01	9/28/99
	6	0	6	8	7	4	8	5/30/00	Berger et al	204	426	8/25/97

## FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
												Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Guang-Way Jang of Gumbs Associates, Inc., for Stennis Space Center, ACID/BASE SENSORS BASED ON POLY(aromatic amine) FILMS, <a href="http://www.nasatech.com/Briefs/Nov98/SSC00069.html">http://www.nasatech.com/Briefs/Nov98/SSC00069.html</a> 08/26/2003 Pages 1-4.
	2	Amy E. Clough, MEASURING THE WATER CONTENT OF SYNTHETIC LUBRICANTS WITH POLYMER-COATED SENSORS, Analytica Chimica Acta 315 1995) 15-26
	3	Y. Zhu, S.Ogano, G. Kelsall and H. Spikes, THE STUDY OF LUBRICANT ADDITIVE REACTIONS USING NON-AQUEOUS ELECTROCHEMISTRY, Vol. 43 (2000), 2, 175-186 Tribology Transactions
	4	Amiel M. Farrington and Jonathan M. Slater, Monitoring OF ENGINE OIL DEGRADATION BY VOLTAMMETRIC METHODS UTILIZING DISPOSABLE SOLID WIRE MICROELECTRODES, Analyst, June 1997, Vol. 122 (593-596)
	5	J. Widera, W.H. Steinecker, G.E. Pacey and J.A. Cox, VOLTAMMETRY IN ELECTROLYTE-FREE LIQUIDS USING A THREE-ELECTRODE PROBE WITH A SOL-GEL MATRIX, Journal of Applied Electrochemistry 33: 121-124, 2003

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.